

Converting Colors

Hex(6C25CF)

Have a look what the booklet for
Hex(6C25CF) contains.

Hex(6C25CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C25CF)

Conversions

Conversions Part 1

Format	Color
Hex	6C25CF
RGB	108, 37, 207
RGB Percent	42%, 15%, 81%
CMY	0.5765, 0.8549, 0.1882
CMYK	0.48, 0.82, 0.00, 0.19
HSL	265°, 70%, 48%
HSV	265°, 82%, 81%
XYZ	18.1084, 9.0163, 59.8174
YIQ	77.6090, -12.2540, 67.9220

Conversions

Conversions Part 2

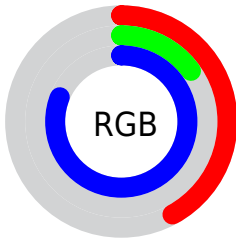
Format	Color
R_{YB}	108, 37, 207
Decimal	7087567
CIE _{Lab}	36.02, 63.50, -74.12
CIE _{LCh}	36, 97.602, 310.588
Yxy	9.0163, 0.2083, 0.1037
Android (android.graphics.Color)	4285277647 (0xFF6C25CF)
YUV	77.6090, 63.7898, 26.6529
Hunter-Lab	30.0271, 55.1002, -97.0934

Details

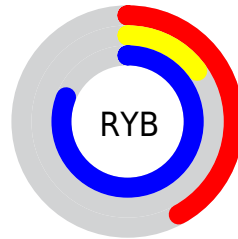
The Hex color **6C25CF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **88CF25**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A85CFF**, and **290097** is the 20% darker color. If you saturate the color by 10%, you get **6010CF**, and if you desaturate by 10%, it is **783ACF**.

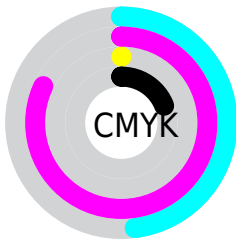
Distribution



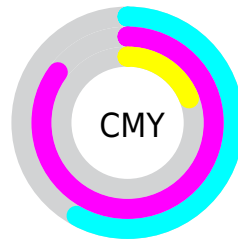
- Red (42%)
- Green (15%)
- Blue (81%)



- Red (42%)
- Yellow (15%)
- Blue (81%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (85%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C25CF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6C25CF by changing the saturation by 10% instead.

6C25CF

6C25CF

FFFFFF

4D00B3

A85CFF

290097

C677FF

00007C

E493FF

000062

FFAEFF

000649

FFCBFF

000432

FFE8FF

00011C

000000

6C25CF

6C25CF

6010CF

783ACF

5600CF

844ECF

9063CF

9C78CF

A88CCF

B4A1CF

C0B6CF

CCCBCF

D8DFCF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0059F4



6C25CF



BE008B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6C25CF



903C00



007070

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6C25CF



88CF25

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006D19



6C25CF



4F5B00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6C25CF



BE0000



006800



0071BC

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6C25CF



D10057



006800



006F55

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6C25CF



DABFFF



2588CF



695980



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6C25CF



6C03FF



C125CF



625E69



4600A8



110029

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CF2588



FF0396



33CF25



695E64



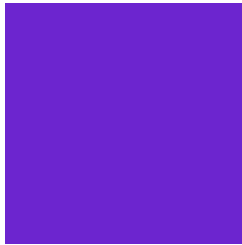
A80062



290018

Previews

White Background



This preview shows how the Hex color 6C25CF looks on a white background.

Color Contrast Check

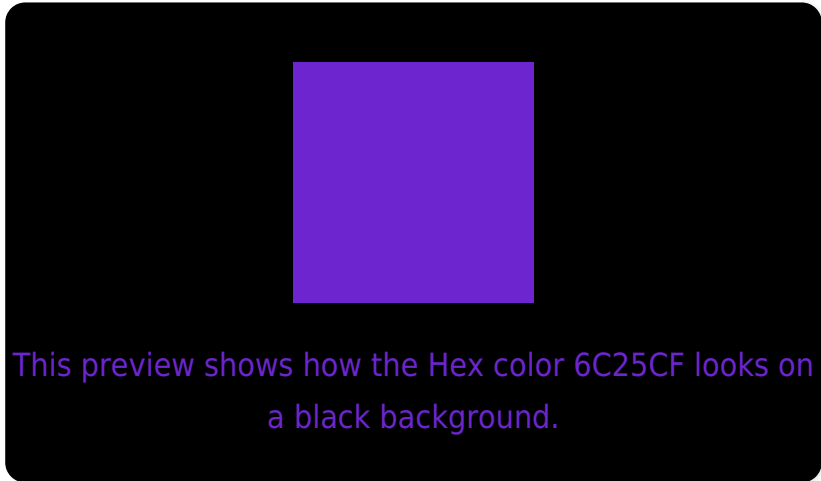
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

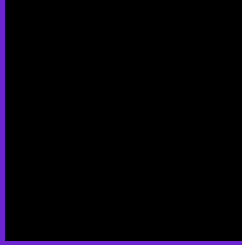
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6C25CF Background



This preview shows how black text looks on a background with the Hex color 6C25CF.



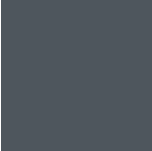
This preview shows how white text looks on a background with the Hex color 6C25CF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4E565D

Trichromacy



Original Color
6C25CF



Protanomaly
2742B9



Deuteranomaly
2745A9



Tritanomaly
594486

Monochromacy



Original Color
6C25CF



Achromatopsia
4E4E4E



Achromatomaly
593F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C25CF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6C25CF looks like.

```
.text, #text, p{  
    color:#6C25CF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6C25CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C25CF
}
```

Border

The CSS property to change the border of an element to Hex 6C25CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

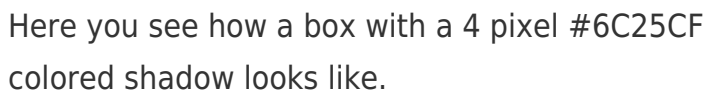
```
.border, #border, table{ border:4px solid
#6C25CF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6C25CF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6C25CF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C25CF; -webkit-box-shadow:4px 4px  
4px 4px #6C25CF; box-shadow:4px 4px 4px  
4px #6C25CF }
```

Background

The CSS property to change the background color of an element to Hex 6C25CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C25CF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6C25CF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor